

The P2ALERT

Tennessee Division of Community Assistance

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Got Used Oil?

Do you have too much used farm oil on your hands? If so, the **Tennessee Agricultural Waste Oil Collection and Recycling Development Program** can help. The Tennessee Department of Agriculture (TDA) and the Tennessee Department of Environment and Conservation (TDEC) are providing a free collection of stockpiled used oil from Tennessee farmers who generate less than 300 gallons per year.

The new initiative, which is similar to the Agricultural Waste Pesticide Collection Program, begins July 1 and will continue until June 30, 2004 with one free pick up of used oil from farmers who can't otherwise conveniently dispose of it properly. In the past, farmers in rural areas have had a difficult time getting rid of their used oil. However with over 800 used oil collection sites available, at places like Tractor Supply Company and most local Co-ops, there is now a disposal location near every town, thus eliminating the need to stockpile used oil.

"It's understandable that farmers have stored so much used oil in their barns and sheds considering how much

they have to purchase and use in comparison to the typical do-it-yourselfer," says Paula Smith of TDEC. Estimates suggest there may be over 70,000 pounds of used oil stored on farms in Tennessee. Once large quantities of used oil accumulate it becomes difficult and risky to haul it off to a collection site. Stockpiled used oil increases the risk of accidental spills or improper disposal practices, which can pose a threat to human health and the environment, particularly the state's surface and ground water. Just one gallon of spilled used oil can contaminate one million gallons of clean water. Tennesseans depend on surface and ground water for their drinking water supplies, as well as for recreation and tourism.

Here's how the new program works. Call toll free the Used Oil Hotline at 1-800-287-9013 and provide your name, address, phone number, and the approximate quantity of

oil stored. A TDA representative will then contact you, assess the situation, and make arrangements for a convenient disposal option. The used oil will either be collected by TDA at a regional site or by a farm-to-farm pickup. Do not to mix antifreeze, pesticides, gasoline, solvents, paint, or anything else with the used oil that will make it unsuitable for recycling. Once farmers eliminate their stockpile, they should recycle their used oil as soon as it is generated, at their nearest do-it-yourself collection site.



If you have smaller quantities of used oil, you can use the in-place do-it-yourself collection sites; there are over 800 sites in Tennessee that accept up to 5 gallons of used oil per day and most are free. Some of the sites also accept antifreeze and used oil filters from do-it-yourselfers. For more information about Tennessee's Used Oil Recycling Program or a collection site nearest you, call the Used Oil Hotline at 1-800-287-9013 or visit the web site at www.tdec.net/dca/oil.htm.



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**TREE-t Yourself To a Cleaner
Environment!
America Recycles Day 2002**

America Recycles Day (ARD) is just around the corner and Tennessee is currently making preparations for its sixth annual celebration. ARD is celebrated every year on November 15 and is a great time to rededicate yourself to recycling. This year, Tennessee is proud to announce its theme **"Paper Through the Ages; Uses for all Stages."** Local festivities will focus on the importance of conserving natural resources, cutting waste, saving energy, and reducing pollution by recycling paper and cardboard, and by purchasing paper products made from post-consumer waste.

There are many ways to participate in America Recycles Day. You can pledge to increase your paper recycling efforts and help Tennessee reach its goal of recycling 150,000 tons of paper or cardboard. This is equivalent to saving 2.5 million trees from the papermill! Local coordinators will be tracking the amount paper collected from September 16 through ARD, November 15. If paper recycling is not available in your community you can host a book drive and donate the books to the local library or school. Another way to support ARD is to talk to your employer or school about using recycled paper in the workplace. Buying recycled-content paper is an important step in recycling. It can be easily made with less toxic processes and chemicals, thus resulting a more environmentally sound product than virgin paper.

Whatever way you decide to support recycling you will be helping to conserve resources and energy, prolong the life of existing landfills, and reduce the cost of trash disposal. To find out more about America Recycles Day and to track Tennessee's success of saving trees please visit www.tdec.net/ard. If you would like to take the initiative to help lead an ARD campaign in your community please contact Jonathan Hopkins, Local Community Coordinator, at 615-532-0281 or by email at Jonathan.Hopkins@state.tn.us.

The Tennessee Department of Environment and Conservation would like to give a special thanks to the Tennessee Recycling Coalition, Knox County Solid Waste, Rock-Tenn, and S.P. Newsprint for all their support in making this year's ARD a success.



**Maury County Solid Waste
Assists Government Offices**

With the help of Mike Sweeney, Maury County Solid Waste Director, state offices in his county have had an easier road to recycling. Mike makes government office recycling convenient by providing bins for mixed office paper, newspaper, cardboard, and aluminum cans. His crew collects the recyclables on a regular basis or when notified by phone.

Dr. Lange Smith, Medical Director with the Regional Health Center, had been recycling for 45-50 employees for the past 2 years and hauling the recyclables to Williamson County. Dr. Smith also picked up recyclables for the Maury County Health Department. After a visit with the State Employee Recycling Coordinator, George Kesterson, Mike Sweeney and Dr. Smith were introduced. Mr. Sweeney placed two large office paper containers for Dr. Smith to use at the Regional Health Center and the Maury County Health Department, as well as a container for glass, aluminum, and plastic.

"Recycling is just an interest of mine," says Dr. Lange Smith. "I've been recycling since I was in college. When I started with the State, at the regional office, there were no funds for recycling so I just did it myself. The service from Maury County Solid Waste has greatly reduced my work. I still do collection from five collection bins that I have out and put that material in the large bins we have from the County. I still take the shredded material and most of the cardboard boxes to the centers either in Maury or Williamson County. The computer folks are doing some recycling, too, since they are the source of most of the cardboard."

Mr. Sweeney also assists other state offices in Maury County. Mary Ann Dunlap, Department of Children's Services said her offices shred 40+ bags of paper per month at their 1610 Hatcher Lane location. "Maury County Solid Waste's Mike Sweeney set up a pickup schedule for us and dropped off a dumpster for our paper." Shirley Williams, Department of Human Services on 209 Wayne Street manages an office of 80 to 100 people. Mike Sweeney is in the process of getting them containers to help with their paper recycling efforts.

This cooperative effort allows state offices to reduce their waste, save money, and assists Maury County in meeting its 25% waste reduction goal; worthwhile goals for both state and county. For more information on recycling in Columbia, please contact Mike Sweeney, Maury County Solid Waste, at 931-381-3690 or George Kesterson, SERP Coordinator, at 615-532-0079.



TP3 Membership Status

The Tennessee Pollution Prevention Partnership (TP3) currently has 173 members. 124 members are Prospects, 44 are Pledges, 4 are Partners, and **Saturn** is the first TP3 member to achieve Performer Level status. **Congratulations Saturn!** The following TP3 members have become Prospects, Pledges, or Partners since the last issue of the P2Alert.

Households

Kinsman Household
Collins Household

Schools

Flintville Junior High Clean Force
Lewis County Schools
North Greene High School
Upperman High School
Fairview Middle School Recycling Team

Business

Ann Gillis Productions, Inc.
ELAB

Industries

Saturn Corporation
Denso Manufacturing
S.E. International, Inc
MINCO Inc.
BOS Automotive Products
ALCOA Inc--TN Operations
Daikin Corporation
Delta Faucet Company of Tennessee
General Electric
General Shale Brick
Lodge Manufacturing
Timken/RASL Corporation

OUR ADDRESS HAS CHANGED!

The new e-mail address for TP3 is
Pollution.prevention@state.tn.us. Our toll free
number is still 1-800-734-3619.



Congratulations, Saturn Corporation!

The Tennessee Pollution Prevention Partnership (TP3) has its first Performer! Saturn Corporation in Spring Hill, Tennessee, has achieved the meritorious status of **TP3 Performer**. Saturn is the first industry to reach this top level in the Partnership, indicating their commitment to pollution prevention and continual improvement to the environment. Five Success Stories demonstrating measurable results in pollution prevention are required for **Performers**. Saturn's exemplary stories are on the Internet at www.tdec.net/dca/tp3Saturn.

In addition, Saturn Corporation meets the standard for "Commendable Environmental Compliance" for the past three years, initiates local community outreach activities demonstrating environmental stewardship, and mentors other companies in methods of pollution prevention. A qualified reviewer verified that Saturn's Environmental Management System exceeds the TP3 minimum requirements. Saturn is ISO 14001 certified as well.

We appreciate Saturn's willingness to pilot TP3 for industry and look forward to recognizing and inspiring other industries to follow their superior example.



Columbia EAC Helps Set the TDEC Standard

Cynthia Rohrbach has been an avid recycler for years. When she started working in the Columbia EAC in 2000, she saw plenty of opportunity to expand the EAC's existing program of paper recycling. So with hard work and the dedication of Cynthia and the staff of the Columbia EAC, the Columbia EAC can truly be called one of TDEC's best "green" offices.

In this EAC, staff can recycle aluminum cans, steel cans and #1 and #2 plastics in addition to the traditional mixed office paper, cardboard, newspaper, and magazines. Along with expanding the office-recycling program to include aluminum and plastic, Cynthia created a Green Cubicle, where co-workers can bring non-traditional items for reuse or recycling. Used

Christmas and greeting cards are sent to St. Jude's Children's Ranch for the kids to cut up and make their own creations. Old cell phones are sent to Motorola in Ann Arbor, Michigan, for reconditioning and use by victims of domestic violence. Styrofoam peanuts are dropped off at Mailboxes, etc. for reuse in their mailings. Dead batteries from co-workers' homes are saved for the Maury County household hazardous waste collection day. Eyeglasses are donated to the Lion's Club. Cynthia also collects office paper with one clean side in the Green Cubicle, where co-workers can use it for printing e-mails, web pages, and draft documents.

"Using the other side of waste paper is one waste reduction activity that has really caught on in the office," says Doye Rowland, past manager of the Columbia EAC.

"I would say that Cynthia, by her presence and actions in the office, functions to remind EAC staff of various opportunities to put into practice waste reduction and recycling activities in the Columbia EAC. Most of our EAC staff are directly involved in the regulation of others through their environmental regulatory programs, and Cynthia reminds us of ways we can personally participate in the waste reduction and recycling activities to help make it more of a "way of life" in the office."



Tennessee Waste Tire Update

Tennessee's waste tire program has taken a step into the future. Originally conceived as a disposal volume reduction strategy with the passage of the Solid Waste Management Act of 1991, most tires will now bypass the landfill altogether. The law required all counties to have a temporary waste tire collection site in place by the beginning of 1995. Most counties used the state's contractor to shred their tires and then buried the shreds in a landfill.

Around 1997, things began to change. Implementation of strict RCRA Subtitle D requirements put many counties completely out of the landfill operation business. Siting, constructing, and operating a sanitary landfill became very expensive and required long-term planning. Consequently, those counties that continued to operate landfills wanted to conserve space in them.

The Act's 25% waste reduction and diversion goal gave additional incentive to keep waste tires out of landfills. TDEC responded by starting the Waste Tire Option Grants program. Counties that wished to avoid landfill disposal of tires could apply for a grant to send those tires to beneficial end use instead.

The Act was amended in 1998 to endorse this approach and define the term "beneficial end use" (in order to exclude many dubious "tire recycling" schemes). The amendment also required that at the same time TDEC's shredding contracts end, all counties would be required to discontinue landfilling of tire shreds. Presently there are three users of tire-derived fuel (TDF) within Tennessee. Tire-derived fuel is substituted for coke, pulverized coal, and wood waste in power plants, cement kilns, paper mills, and other industries, realizing significant reductions in particulate and sulfur dioxide emissions. Use of tire-derived fuel is truly a pollution prevention strategy because it burns cleaner and hotter than the fuels it replaces. Tire-derived fuel may be in the form of whole tires or 1" to 2" wire-free chips. This material is quite different from the rough shreds that the mobile shredding equipment produced at counties' landfills. Several companies located outside of Tennessee produce tire chips from our tires and then sell them to Tennessee users or industries in surrounding states.

Other beneficial end uses of tires include civil engineering applications, such as fill materials in road building, drainage layers in landfill cells, and aggregate in subsurface sewage disposal systems. What was once garbage becomes a material that has environmental and engineering advantages over conventional mined materials, such as sand, soil, and gravel. Beneficially reusing waste tires saves landfill space and prevents pollution.

For more information on the Tennessee waste tire program, please contact Alan Ball at 615-532-0090 or by email at Alan.Ball@state.tn.us.





GreenBriefs

- The Bear Trace Golf Course at Tims Ford State Park recently initiated a cardboard collection program. Collection bins are placed and picked up by Franklin County Solid Waste. A two-year recycling program is also in place throughout Tims Ford State Park. Items collected at the Park include cardboard, office paper, mixed paper, #1 and #2 plastic, aluminum and steel. For more information on state parks recycling, please contact Lori Munkeboe at 615-532-0705 or Lori.Munkeboe@state.tn.us.
- 2002 HOUSEHOLD HAZARDOUS WASTE NOTES:
Williamson and **Montgomery** Counties collect old computers at their HHW events and send them to a recycler. **Anderson** County collects fluorescent tubes at its HHW events and sends them to a recycler. **Robertson** County collects cardboard and old appliances for recycling at its events. **Franklin** County provides bins to collect and recycle waste steel containers and cardboard boxes. **Madison, Marshall, Washington, Picket, Fentress**, and now **Anderson** County are participating in Tennessee's paint pre-collection program where old paint is conveniently collected by the county year round and then disposed at their yearly HHW event. Some waste minimization is implemented during the year as well to reduce the amount. Counties like **Williamson, Madison**, and **Henry** collect tires for free at their HHW events. **Hamblen, Williamson, Giles, Madison**, and **Shelby** County hand out litterbags filled with information on recycling, litter pickup, and proper used oil disposal. Many counties such as **Giles, Lincoln**, and **Blount** schedule their HHW events in conjunction with community events such as Great American Cleanup, Earth Day, and America Recycles Day to generate publicity and increase participation.
- GREEN SEAL CHOOSE GREEN REPORTS
Are you interested in having practical green purchasing tips delivered directly to your inbox? Thanks to an EPA grant, you can now receive a free electronic subscription to Green Seal's Choose Green Reports, which offer objective recommendations on many environmentally preferable products. The reports fill the gap between the concept and practice of environmentally responsible purchasing, providing specific, actionable recommendations about the most environmentally responsible brands and models. To sign up or learn more, visit www.greenseal.org/cgrs
- Congratulations to Panther Creek State Park for initiating a recycling program at the Park!
- Many thanks to all who participated in the 2002 Tennessee Great American Cleanup clothing drive. Over 6,000 pounds of clothes were collected for local charities. Mary McIntire of the Tennessee Department of Transportation was the grand prize winner of a gift card from Target, a national sponsor of Keep America Beautiful. Thanks also to the other national sponsors: Pepsi for its donation of soft drinks and Home Depot for donating packets of flower seeds.





Calendar of Events



The Tennessee Pollution Prevention Roundtable meets every other month in Nashville to promote pollution prevention opportunities statewide. Recent endeavors include establishing regional roundtables in east, middle, and west Tennessee to identify and address local environmental concerns; finalizing criteria for industry participation in the Tennessee Pollution Prevention Partnership; and coordinating with TDEC to provide the Performer Level Review Panel for the Tennessee Pollution Prevention Partnership. The Performer Level Review Panel evaluated Saturn Corporation on July 11, 2002, in conjunction with a meeting of the Tennessee Pollution Prevention Roundtable.

The next meeting of the Roundtable will be September 4th at Montgomery Bell State Park.



The Kentucky Pollution Prevention Center (KPPC) is facilitating the Regional Electronics Reuse & Recycling Conference that will be held in Louisville, Kentucky on August 28-29 at the Galt House Hotel. Conference attendees will include electronics users such as schools, universities, colleges, businesses, local communities and governments, military installations, and electronics recyclers/refurbishers (just about anyone that uses or makes a living dealing with electronics!).

You can find out more about the conference by going to the website <http://www.kppc.org/peer2/conference.cfm> or by contacting Don Douglass, Pollution Prevention Specialist with the Kentucky Pollution Prevention Center. You may email d.douglass@louisville.edu, or call him directly at 502-852-1560.



Join the Tennessee Recycling Coalition in Knoxville for its 13th Annual Conference "Its Recycling Time in Tennessee," October 22 through October 25. For more information contact John Homa at 865-215-2872, jhoma@ci.knoxville.tn.us or check the TRC website at www.trc-online.org.

Track Tennessee's Paper Recycling Success!
September 16 - ARD, November 15
www.tdec.net/ard





Planting P2



Tennessee Pollution Prevention Partnership Conference 2002

The Tennessee Pollution Prevention Partnership is proud
to announce our first conference

Planting P2 September 5-6, 2002

This conference will welcome Tennessee's industries that go beyond compliance to pollution prevention through incentives and solutions. Appropriately set in the natural beauty of Montgomery Bell State Resort Park, the "**Planting P2**" conference will provide your industry an opportunity to learn about practical strategies being used in Tennessee to prevent pollution; network with other companies who have strong commitments to environmental excellence; discover how to save money while reducing pollution; receive praise for your environmental good deeds from your peers and the State of Tennessee; communicate with the Tennessee Division of Community Assistance; advance your membership level within the Tennessee Pollution Prevention Partnership; and enjoy nature at one of Tennessee's most popular state parks.

Download the "[Planting P2 Conference](#)" brochure, complete with all the details you need to register for this exciting opportunity at www.state.tn.us/environment/dca/tp3conference.htm or call 1-800-734-3619 for more information. The conference registration fee is only \$50 for two days, including several meals! Review the agenda and see which Tennessee industries have committed to providing you with interactive opportunities - speakers, panels, workshops and story sharing. Seats are limited so register today!

Who Do I Call?

The P2 Alert
Lori J. Munkeboe, Editor
615-532-0705

General P2 Information
615-532-8013 or 800-734-3619

TN Pollution Prevention
Roundtable
Ron Graham, Director
615-532-0450

Environmental Assistance Center
888- 891-TDEC (8332)

Recycling/Household Hazardous Waste
615-532-0445

Toxics Releases Inventory
Eric Hutton 615-532-0542

Small Business Clean Air Assistance
615-532-8013 or 800-734-3619

Used Oil Collection Center
Hotline
800-287-9013